

Sara Maisanaba

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,290
citations

331259

21
h-index

344852

36
g-index

61
all docs

61
docs citations

61
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicological evaluation of clay minerals and derived nanocomposites: A review. <i>Environmental Research</i> , 2015, 138, 233-254.	3.7	177
2	In vitro toxicological evaluation of essential oils and their main compounds used in active food packaging: A review. <i>Food and Chemical Toxicology</i> , 2015, 81, 9-27.	1.8	109
3	Genotoxic activity of bisphenol A and its analogues bisphenol S, bisphenol F and bisphenol AF and their mixtures in human hepatocellular carcinoma (HepG2) cells. <i>Science of the Total Environment</i> , 2019, 687, 267-276.	3.9	109
4	New advances in active packaging incorporated with essential oils or their main components for food preservation. <i>Food Reviews International</i> , 2017, 33, 447-515.	4.3	75
5	Toxic effects of a modified montmorillonite clay on the human intestinal cell line Caco-2. <i>Journal of Applied Toxicology</i> , 2014, 34, 714-725.	1.4	60
6	In vitro toxicological assessment of clays for their use in food packaging applications. <i>Food and Chemical Toxicology</i> , 2013, 57, 266-275.	1.8	55
7	Toxicity assessment of organomodified clays used in food contact materials on human target cell lines. <i>Applied Clay Science</i> , 2014, 90, 150-158.	2.6	55
8	Evaluation of the mutagenicity and genotoxic potential of carvacrol and thymol using the Ames Salmonella test and alkaline, Endo III- and FPG-modified comet assays with the human cell line Caco-2. <i>Food and Chemical Toxicology</i> , 2014, 72, 122-128.	1.8	49
9	Cytotoxicity and mutagenicity studies on migration extracts from nanocomposites with potential use in food packaging. <i>Food and Chemical Toxicology</i> , 2014, 66, 366-372.	1.8	47
10	Cytotoxicity and mutagenicity assessment of organomodified clays potentially used in food packaging. <i>Toxicology in Vitro</i> , 2015, 29, 1222-1230.	1.1	47
11	Use of nanoclay platelets in food packaging materials: technical and cytotoxicity approach. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 354-363.	1.1	38
12	A subchronic 90-day oral toxicity study of <i>Origanum vulgare</i> essential oil in rats. <i>Food and Chemical Toxicology</i> , 2017, 101, 36-47.	1.8	37
13	Mutagenic and genotoxic potential of pure Cylindrospermopsin by a battery of in vitro tests. <i>Food and Chemical Toxicology</i> , 2018, 121, 413-422.	1.8	34
14	In vitro toxicity evaluation of new silane-modified clays and the migration extract from a derived polymer-clay nanocomposite intended to food packaging applications. <i>Journal of Hazardous Materials</i> , 2018, 341, 313-320.	6.5	33
15	In vitro toxicological assessment of an organosulfur compound from <i>Allium</i> extract: Cytotoxicity, mutagenicity and genotoxicity studies. <i>Food and Chemical Toxicology</i> , 2017, 99, 231-240.	1.8	32
16	Genotoxic potential of the binary mixture of cyanotoxins microcystin-LR and cylindrospermopsin. <i>Chemosphere</i> , 2017, 189, 319-329.	4.2	32
17	In vitro genotoxicity testing of carvacrol and thymol using the micronucleus and mouse lymphoma assays. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 784-785, 37-44.	0.9	30
18	(Amino)cyclophosphazenes as Multisite Ligands for the Synthesis of Antitumoral and Antibacterial Silver(I) Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 2464-2483.	1.9	28

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19	Cytotoxic and mutagenic in vitro assessment of two organosulfur compounds derived from onion to be used in the food industry. <i>Food Chemistry</i> , 2015, 166, 423-431.	4.2	24
20	Genotoxicity evaluation of carvacrol in rats using a combined micronucleus and comet assay. <i>Food and Chemical Toxicology</i> , 2016, 98, 240-250.	1.8	24
21	Genotoxic potential of montmorillonite clay mineral and alteration in the expression of genes involved in toxicity mechanisms in the human hepatoma cell line HepG2. <i>Journal of Hazardous Materials</i> , 2016, 304, 425-433.	6.5	23
22	In vivo Toxicity Evaluation of the Migration Extract of an Organomodified Clay-Poly(lactic) Acid Nanocomposite. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 731-746.	1.1	21
23	Genotoxicity assessment of propyl thiosulfinate oxide, an organosulfur compound from Allium extract, intended to food active packaging. <i>Food and Chemical Toxicology</i> , 2015, 86, 365-373.	1.8	21
24	Changes on cylindrospermopsin concentration and characterization of decomposition products in fish muscle (<i>Oreochromis niloticus</i>) by boiling and steaming. <i>Food Control</i> , 2017, 77, 210-220.	2.8	20
25	Development, characterization and cytotoxicity of novel silane-modified clay minerals and nanocomposites intended for food packaging. <i>Applied Clay Science</i> , 2017, 138, 40-47.	2.6	18
26	Plastics in Cyanobacterial Blooms-Genotoxic Effects of Binary Mixtures of Cylindrospermopsin and Bisphenols in HepG2 Cells. <i>Toxins</i> , 2020, 12, 219.	1.5	13
27	Use of micronucleus and comet assay to evaluate evaluate the genotoxicity of oregano essential oil (<i>Origanum vulgare</i> L. Virens) in rats orally exposed for 90 days.. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 525-533.	1.1	12
28	Bioaccessibility of Cylindrospermopsin from cooked fish muscle after the application of an in vitro digestion model and its bioavailability. <i>Food and Chemical Toxicology</i> , 2017, 110, 360-370.	1.8	11
29	Bioaccessibility and decomposition of cylindrospermopsin in vegetables matrices after the application of an in vitro digestion model. <i>Food and Chemical Toxicology</i> , 2018, 120, 164-171.	1.8	11
30	In Vivo Evaluation of Activities and Expression of Antioxidant Enzymes in Wistar Rats Exposed for 90 Days to a Modified Clay. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 456-466.	1.1	9
31	Induction of micronuclei and alteration of gene expression by an organomodified clay in HepG2 cells. <i>Chemosphere</i> , 2016, 154, 240-248.	4.2	7
32	Integration of fish cell cultures in the toxicological assessment of effluents. <i>Ecotoxicology and Environmental Safety</i> , 2019, 176, 309-320.	2.9	7
33	Effects of the subchronic exposure to an organomodified clay mineral for food packaging applications on Wistar rats. <i>Applied Clay Science</i> , 2014, 95, 37-40.	2.6	6
34	Toxicological assessment of two silane-modified clay minerals with potential use as food contact materials in human hepatoma cells and <i>Salmonella typhimurium</i> strains. <i>Applied Clay Science</i> , 2017, 150, 98-105.	2.6	6
35	Effects of two organomodified clays intended to food contact materials on the genomic instability and gene expression of hepatoma cells. <i>Food and Chemical Toxicology</i> , 2016, 88, 57-64.	1.8	4
36	Investigation of mechanisms of toxicity and exclusion by transporters of the preservatives triclosan and propylparaben using batteries of <i>Schizosaccharomyces pombe</i> strains. <i>Environmental Research</i> , 2020, 183, 108983.	3.7	3

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37	Potential Application of A Synthetic Organo-funtionalized High Load Expandable Mica as A Drug Carrier for Controlled Release. <i>Current Drug Delivery</i> , 2021, 18, 645-653.	0.8	1
38	Genotoxicity evaluation of different clays used in food packaging in Caco-2 cells by the Comet assay. <i>Toxicology Letters</i> , 2014, 229, S175.	0.4	0
39	Flow cytometry study of the Caco-2 cell line exposed to a silane-modified clay. <i>Toxicology Letters</i> , 2014, 229, S176.	0.4	0
40	Detection of mutagenic activity of novel modified clays intended to a nanocomposite material by the Ames test. <i>Toxicology Letters</i> , 2014, 229, S174-S175.	0.4	0
41	Cytotoxicity evaluation of two novel silane-modified clays for their use in nanocomposite packaging. <i>Toxicology Letters</i> , 2014, 229, S175.	0.4	0
42	The impact of novel clays destined to food packaging industry on the genomic instability of human hepatoma cells. <i>Toxicology Letters</i> , 2015, 238, S79.	0.4	0
43	Cloisite@Na+ and Clay2 induce changes in the gene expression in human hepatoma HepG2 cells. <i>Toxicology Letters</i> , 2016, 258, S161.	0.4	0
44	In Vitro Toxicity Testing. , 2021, , 119-141.		0